

## ABSTRACT

A radio controlled vehicle have greater than two gyroscopic action wheels provides a wider range of stunt options and increased stability during operation. The overall weight of the vehicle with respect to the combined mass and gyroscopic force which the gyroscopic wheels can produce for given rpm speeds is maintained within a predetermined operating range in order to provide the increased stunt maneuverability and stabilization during operation. The torque reaction of opposing gyroscopic wheels or wheel pairs creates a range stunt inducing forces/actions equal to or greater than the gyro effect created by the respective wheels. The combination of the torque reaction and gyro effect broadens the scope of existing stunt capabilities and make possible a completely new range of stunt inducing actions not available in other radio control toys.